

Waterbird Counts in Select Redwood City Saltworks Ponds

Observations made during December 2009, January - April 2010, November - December 2010, and January - February 2011 by Matthew Leddy.
Only ponds observable from adjacent public access were included; birds may use other ponds in the complex, but those ponds could not be observed.
 Counts were determined both in the field and/or from photos.

SUMMARY TABLE

Pond	Number of shorebird species observed	Shorebird species observed (* observed foraging)	Days birds observed foraging out of total observation dates	Number of other species observed	Other species observed (* observed foraging)	Highest waterbird count and date/ average count per observation
10	10	Willet*, Marbled Godwit, American Avocet*, Black-necked Stilt*, Whimbrel, Dowitcher*, Dunlin*, Western Sandpiper*, Least Sandpiper*, and Yellowlegs*	13 / 19	5	Forster's Tern, Canada Goose, Greater Scaup*, Northern Shoveler*, Bufflehead*	5,981 on 2/13/2011 Average = 2,262
7B	4	American Avocet, Killdeer, Black-bellied Plover and Small shorebirds* (one or more species)	4 / 6			600 on 1/11/2010 Average = 162
7C	5	Black-necked Stilt, Least Sandpiper, Black-bellied Plover, Killdeer, Canada Goose and American Widgeon	0 / 5	2	Canada Goose, American Widgeon	30 on 4/6/2010 Average = 12
8W	1	Small shorebirds* (one or more species)	1 / 1			50 on 1/11/2010 Average = 50
Crystallizer Pond 1	3	Semipalmated Plover*, Western Sandpiper*, Least Sandpiper*	3 / 4			2,100 on 11/27/2010 Average = 977
Crystallizer Pond 2	5	American Avocet*, Black-bellied Plover*, Dunlin*, Western Sandpiper* and Least Sandpiper*	7 / 7			550 on 12/17/2010 Average = 154

DATA TABLES

* = Some or all birds foraging

= Birds observed on pond levee

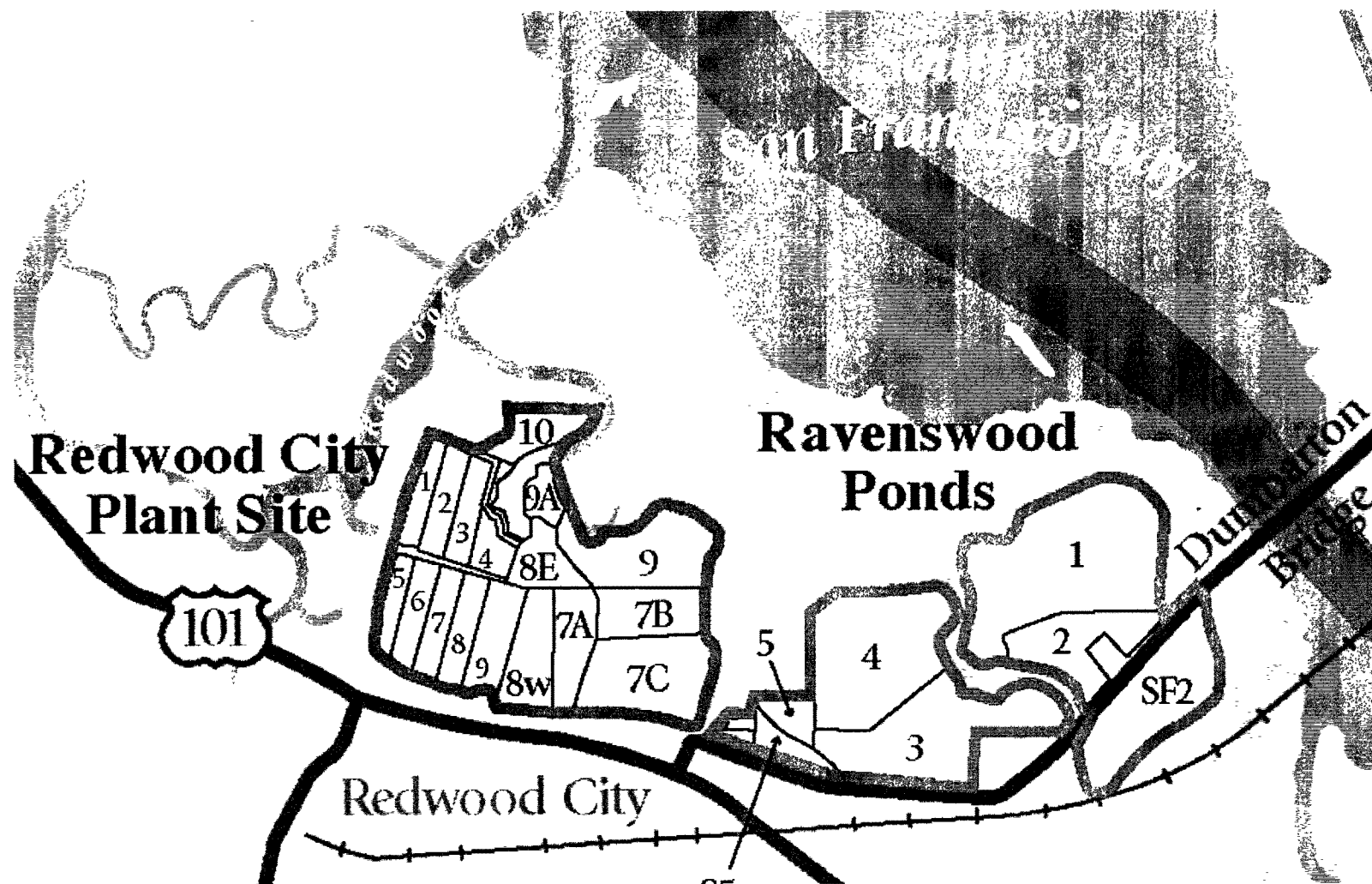
Gull observations not included

Year:	2009	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
Month/Day:	12/22	1/1	1/11	1/11	1/11	1/15	1/23	1/30	2/7	2/7	2/14	2/14	2/14
Pond:	10	10	8W	7B	10	10	10	10	7C	10	7C	7B	10
Willet	1000	1100			2000	1500	1200	2300		280			2000 *
Marbled Godwit	50	300			260	350	210	265		35			350
American Avocet	80	200			180	230	230	300 *		65		4	250 *
Black-necked Stilt		17			4 *		20	20 *	2 #				50 *
Dowitcher		20			70 *		20 *	45					90 *
Whimbrel													1
Least Sandpiper													
Dunlin													
Western and Least Sandpiper						120 *							
Dunlin, Western and Least Sandpiper							200 *						
Small shorebirds	10 *	300	50 *	600	300			75 *		40			
Black-bellied Plover									1 #				
Killdeer									2 #		1 #	2	
Yellowlegs													
Semipalmated Plover													
Forster's Tern		11				1		5					
Canada Goose									3		2 #		
American Widgeon									8				
Greater Scaup													
Northern Shoveler													
Bufflehead													
Total waterbirds	1140	1948	50	600	2814	2201	1880	3010	16	420	3	6	2741

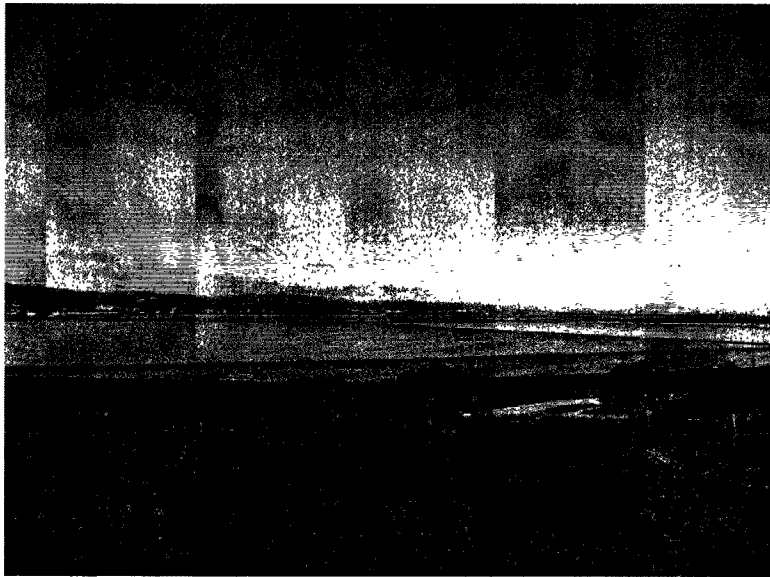
Year:	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010
Month/Day:	2/16	3/11	3/11	3/11	4/6	4/6	4/6	11/27	11/27	12/4	12/16	12/16	12/16	12/16
Pond:	10	7C	7B	10	7C	7B	10	CRY1	10	CRY1	CRY1	CRY2	CRY2	10
Willet	1250 *			1510 *			350 *		700					730
Marbled Godwit	310			50					750					150
American Avocet	250 *	10 #	8 *	530 *	28 #	14 *			120					
Black-necked Stilt	40 *		15 *	45 *										
Dowitcher	50 *			78			10 *							
Whimbrel				1										
Least Sandpiper					2 #									
Dunlin														
Western and Least Sandpiper								1900 *		1200	70 *	150 *		
Dunlin, Western and Least Sandpiper				880 *										
Small shorebirds	70 *													
Black-bellied Plover														
Killdeer														
Yellowlegs			1 *											
Semipalmated Plover								200 *		500				
Forster's Tern														
Canada Goose		2												3
American Widgeon														
Greater Scaup														
Northern Shoveler														
Bufflehead														
Total waterbirds	1970	12	24	3094	30	14	360	2100	1570	1700	70	150	883	

Year:	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2011	2011	2011
Month/Day:	12/17	12/17	12/19	12/20	12/20	12/20	12/21	12/23	12/23	12/23	1/18	2/13	2/17
Pond:	CRY1	CRY2	CRY2	7B	CRY2	10	CRY2	CRY2	CRY2	10	10	10	10
Willet						1360				1090	1700	1000 *	680 *
Marbled Godwit						390				220	250	950	470
American Avocet						150				225	100 *	355 *	380 *
Black-necked Stilt										95	35 *	95 *	60 *
Dowitcher						40						78 *	40
Whimbrel													
Least Sandpiper					185 *			50 *					
Dunlin						15							
Western and Least Sandpiper		550 *											
Dunlin, Western and Least Sandpiper							50 *			3000 *	3500 *	300 *	
Small shorebirds	40 *		55 *	300 *									
Black-bellied Plover													
Killdeer													
Yellowlegs													2 *
Semipalmated Plover													
Forster's Tern						1							
Canada Goose													
American Widgeon													
Greater Scaup												3 *	
Northern Shoveler													
Bufflehead													
Total waterbirds	40	550	55	300	185	1956	50	50		1630	5085	5981	1932

Year:	2011	2011	2011	2011
Month/Day:	2/18	2/18	2/18	2/18
Pond:	CRY2	10	7C	7B
Willet		730 *		
Marbled Godwit		700		
American Avocet	2 *	310 *		
Black-necked Stilt		80 *		
Dowitcher		115		
Whimbrel				
Least Sandpiper				
Dunlin				
Western and Least Sandpiper	35 *			
Dunlin, Western and Least Sandpiper		400 *		
Small shorebirds				26 *
Black-bellied Plover	1 *		1 #	1 #
Killdeer				
Yellowlegs				
Semipalmated Plover				
Forster's Tern		2		
Canada Goose				
American Widgeon				
Greater Scaup		13 *		
Northern Shoveler		16 *		
Bufflehead		3 *		
Total waterbirds	38	2369	1	27



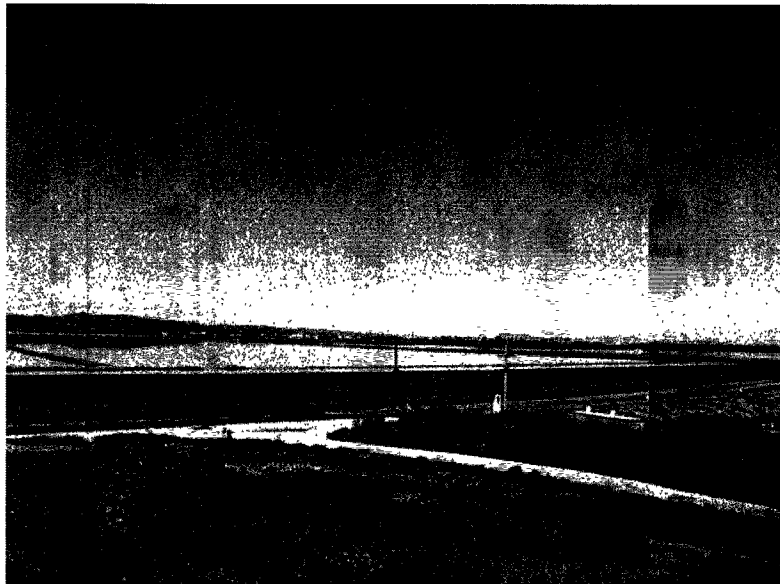
Source: BCDC Staff Report: Salt Ponds, 2005. Ownership of the South Bay Salt Ponds Figure 3



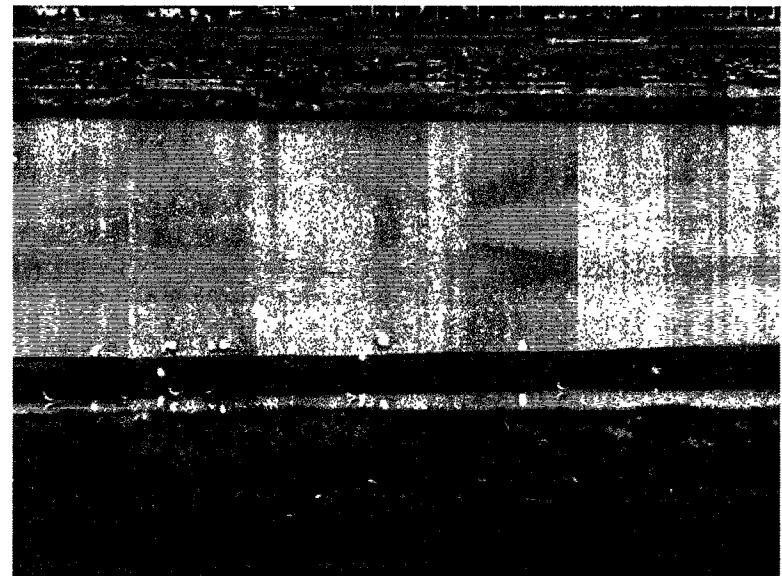
Pond 7C February 7, 2010



Pond 7C March 11, 2010

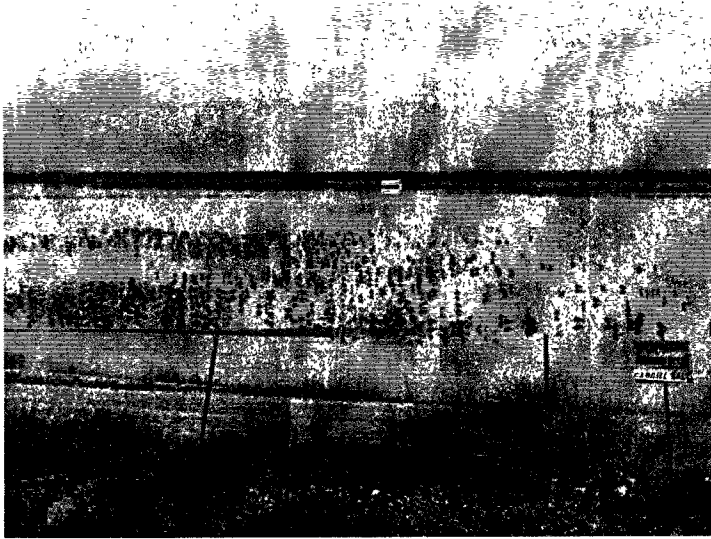


Pond 7B April 6, 2010



Pond 7B March 11, 2010

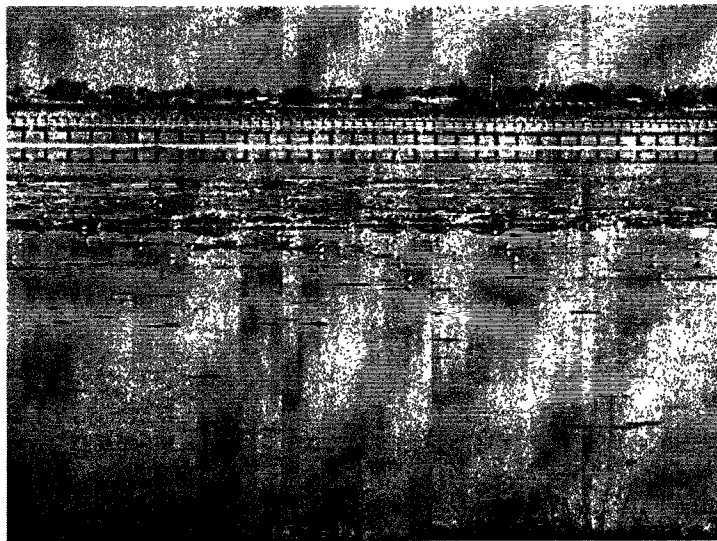
Photos Showing Redwood City Saltworks Pond Sites



Pond 10 February 14, 2010



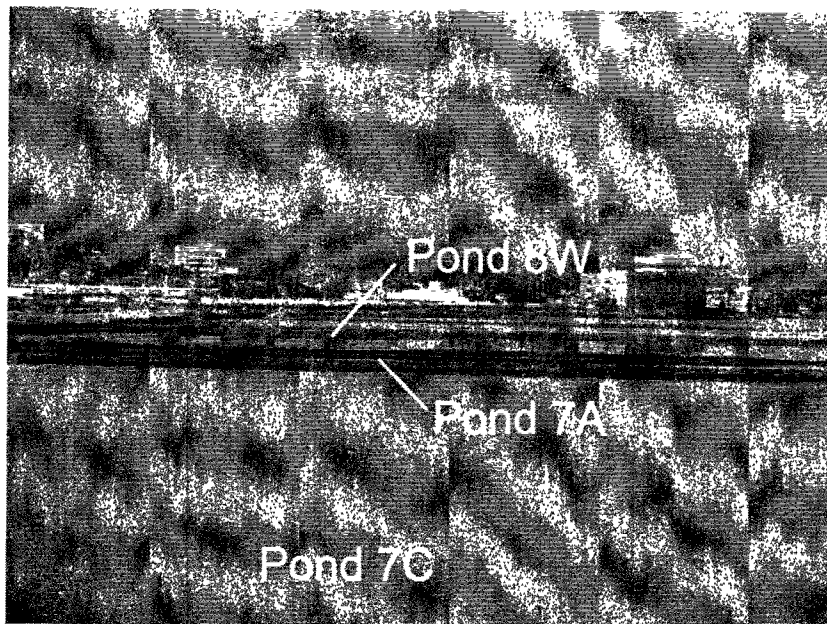
Pond 10 January 15, 2010



Crystallizer Pond 1 November 27, 2010



Crystallizer Pond 2 December 23, 2010



Pond 8W January 11, 2010

A DVD with videos of shorebirds foraging on Pond 10, Crystallizer Pond 1 and Crystallizer Pond 2 is included with this document.

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Background:

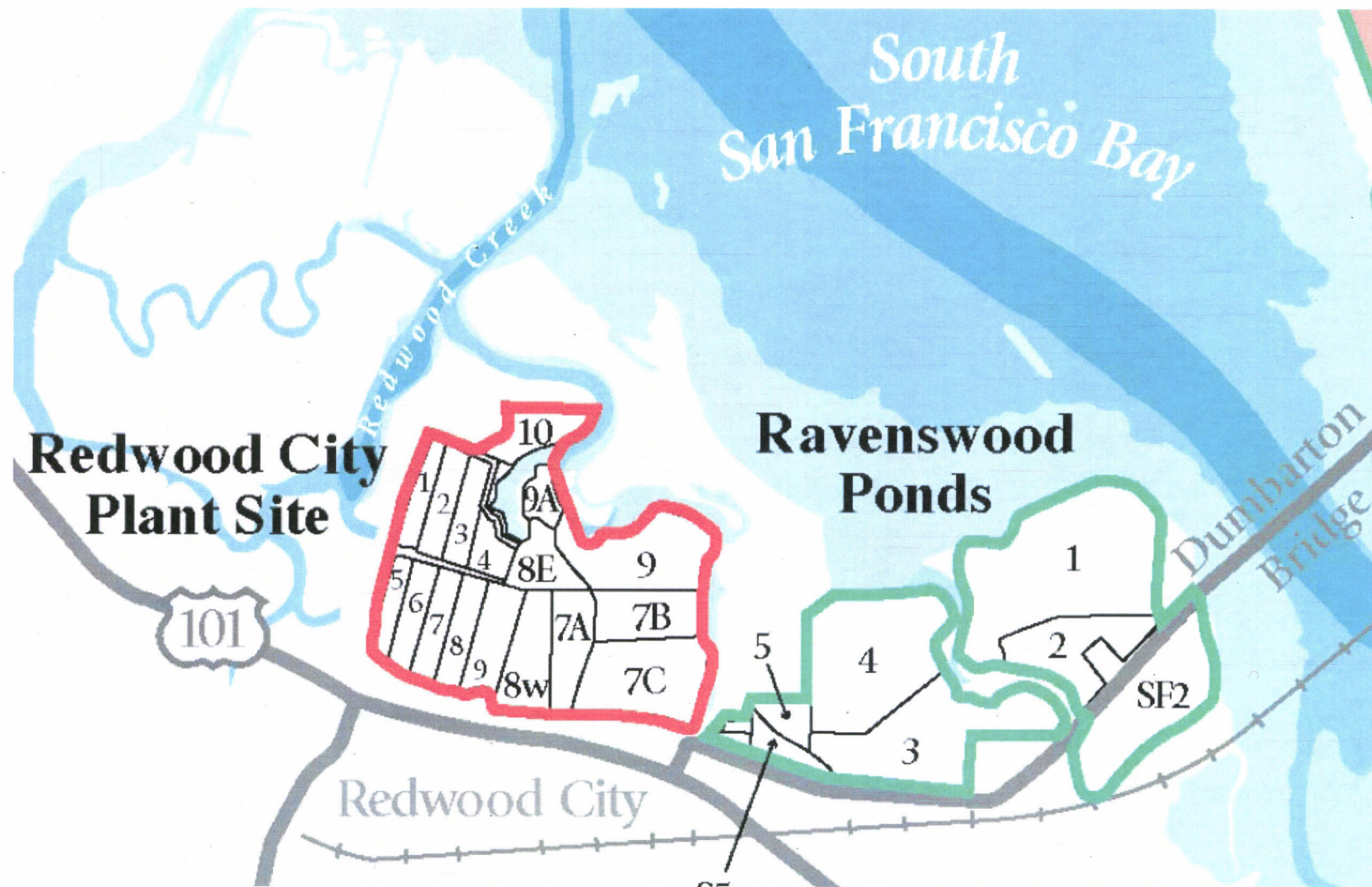
B.A. Biology University of California, Santa Cruz

M.A. Ecology and Systematics, San Francisco State University

Thesis - *The Biology of Non-Breeding Sanderlings in Central California*

Graduate Student Assistant for US Fish and Wildlife Service - identified and quantified avifauna for the *Alameda Transportation Corridor Wetlands Study* (1978-1979)

Currently Biology Professor at College of San Mateo



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